5 and about 6.5],

a second [polymeric or monomeric] unit conjugated to, complexed with, or incorporated [into] with the first pH- sensitive polymer, [which polymeric or monomeric] wherein the unit [enhances disruption of the membrane or bonds to] is selected from the group consisting of a carrier [or], a therapeutic [or] agent, a diagnostic agent and combinations thereof.

5. (twice amended) The composition of claim 1 comprising a therapeutic or diagnostic agent, further comprising a pharmaceutically acceptable carrier [diagnostic or therapeutic agent].

7. (twice amended) The composition of claim 1 wherein the second unit comprises a polymer and the first polymer and the second [polymeric or monomeric] unit form a graft copolymer, block copolymer, random copolymer or blend.

8. (twice amended) The composition of claim 1 wherein the second [polymeric or monomeric] unit is [coupled with] linked to a ligand binding to the surface of a cell.

11. (twice amended) The composition of claim 1 wherein the second [polymer is] unit comprises a polycationic polymer.

15. (twice amended) A method for enhancing transport of agents through [lipid-containing] membranes comprising administering to the [lipid-containing] membrane any of the compositions of claims 1, 5, 7-13, and 26-32.

20. (twice amended) The method of claim 15 wherein the composition is administered in combination with electrophoresis, ultrasound or iontophoresis.

22. (twice amended) The method of claim 21 wherein the stimulus means is selected from the group consisting of changes in pH, light, ionic strength, solvent composition,

C5 cancel.

temperature, and electric field.

Sub D6 C6

26. (amended) The composition of claim 11 wherein the polycationic material is selected from the group consisting of chitosan, polylysine, polyethyleneimine, poly(propyleneimine, aminodextran, collagen, polyvinylimidazole, and N,N-dimethylaminoethyl methylacrylate.

Sub D7 C7

28. (amended) The composition of claim 7 wherein the [second polymeric or monomeric unit] pH sensitive polymer is selected from the group consisting of acrylic acid; C_{1-6} straight chain, branched, ethylene-acrylic acid copolymers, and cyclic 2-alpha-alkyl acrylic acids; and esters of acrylic acid copolymerized with acrylic acid.

29. (amended) The composition of claim 7 wherein the second [polymeric or monomeric unit] units [are] comprise polymeric blocks comprising proteins or peptides which include imidazole groups.

30. (amended) The composition of claim 1 wherein the second [polymeric or monomeric] unit [is] comprises a lipid or phospholipid.

31. (amended) The composition of claim 1 wherein the second [polymeric or monomeric units comprise] unit comprises sulfonated groups.

32. (amended) The composition of claim 1 wherein the second [polymeric or monomeric] unit is sensitive to a stimulus selected from the group consisting of temperature, light, electrical stimuli, radiation, pH and ion concentration.